

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021819\
 Data File : BF112599.D
 Acq On : 18 Feb 2019 14:25
 Operator : JU/SJ
 Sample : K1508-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 18 15:15:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

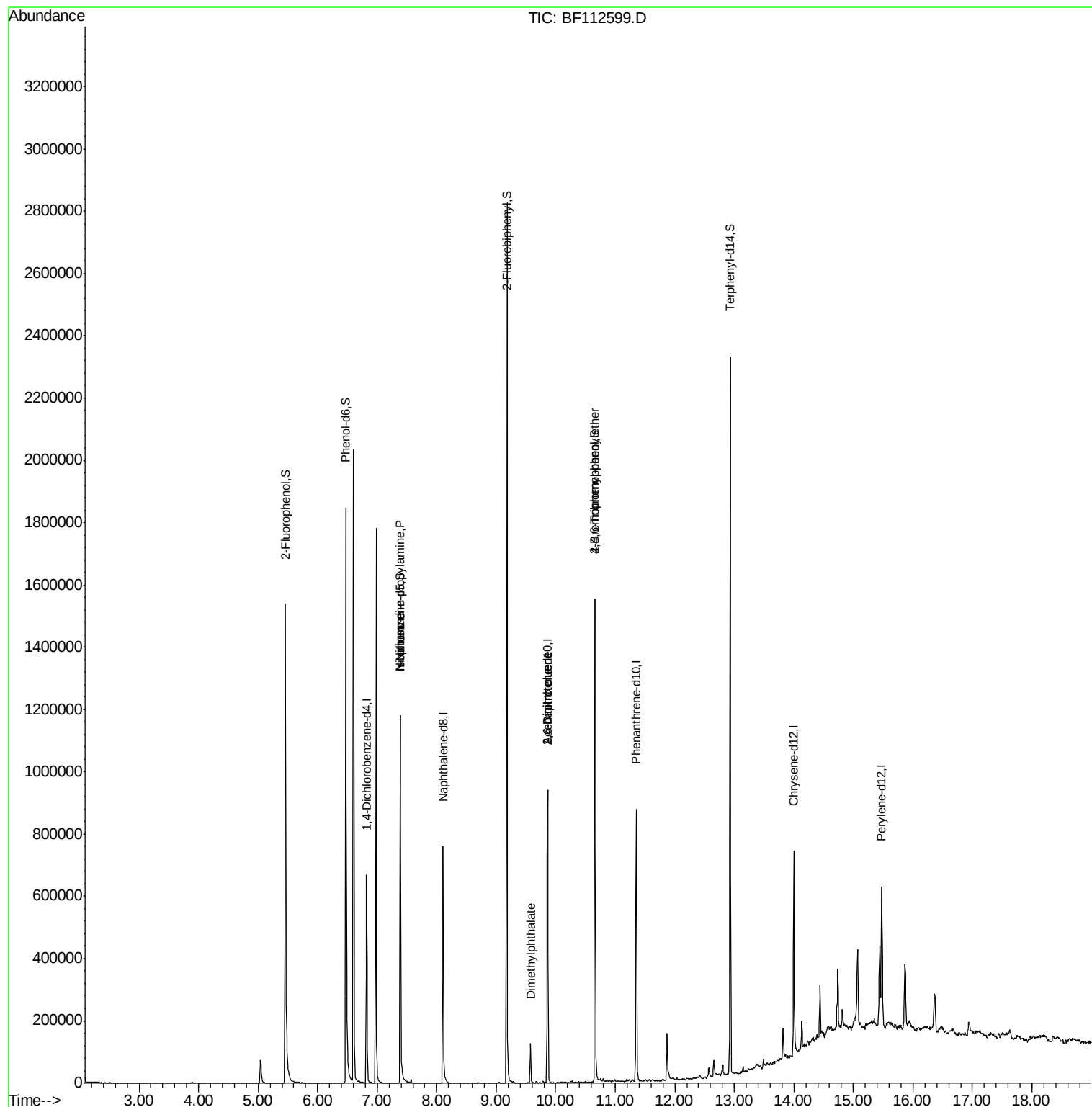
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	98261	20.00	ng	-0.02
21) Naphthalene-d8	8.10	136	391446	20.00	ng	-0.02
39) Acenaphthene-d10	9.86	164	185863	20.00	ng	-0.02
64) Phenanthrene-d10	11.35	188	332307	20.00	ng	-0.02
76) Chrysene-d12	14.00	240	216228	20.00	ng	-0.01
87) Perylene-d12	15.47	264	210015	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	517662	111.90	ng	-0.02
7) Phenol-d6	6.47	99	655457	101.97	ng	-0.02
23) Nitrobenzene-d5	7.39	82	412421	60.71	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	191726	88.62	ng	-0.02
45) 2-Fluorobiphenyl	9.18	172	863854	65.74	ng	-0.02
79) Terphenyl-d14	12.93	244	737983	64.28	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	55693	12.565	ng	# 76
25) Isophorone	7.39	82	412417	38.697	ng	# 63
50) Dimethylphthalate	9.57	163	54821	3.796	ng	100
51) 2,6-Dinitrotoluene	9.86	165	23886	7.386	ng	# 35
57) 2,4-Dinitrotoluene	9.86	165	23886	5.801	ng	# 32
67) 4-Bromophenyl-phenylether	10.66	248	12072	3.089	ng	# 1

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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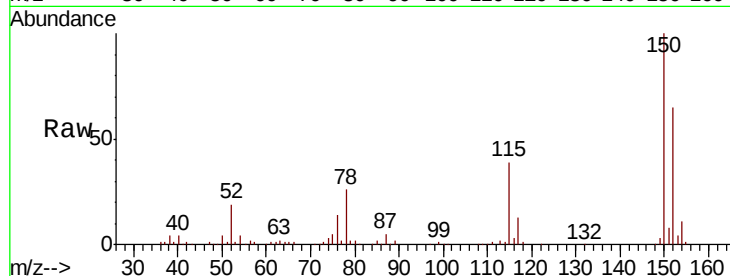


#1

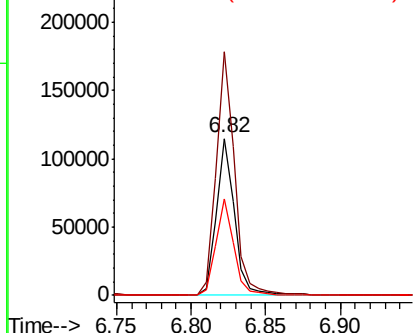
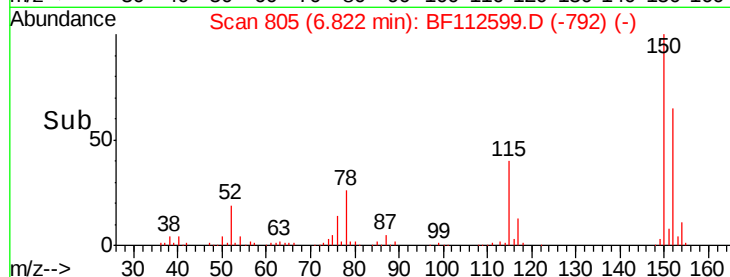
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.02 min
Lab File: BF112599.D
Acq: 18 Feb 2019 14:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 98261
Ion Ratio Lower Upper
152 100
150 155.0 127.4 191.0
115 61.1 45.5 68.3



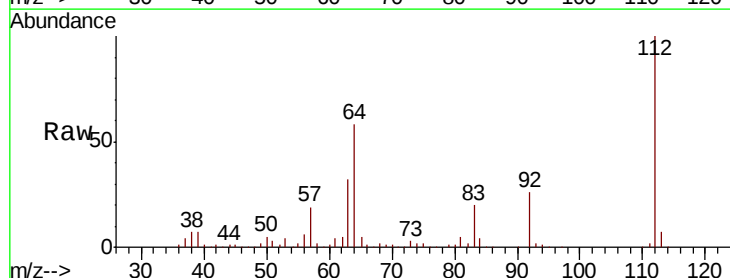
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



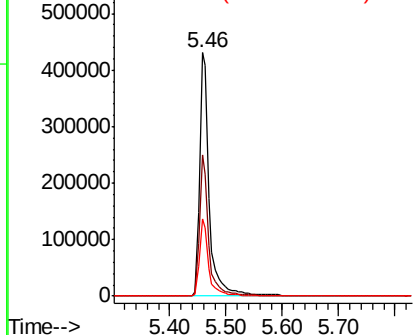
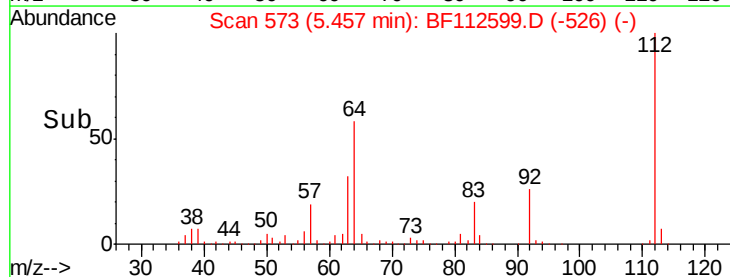
#5

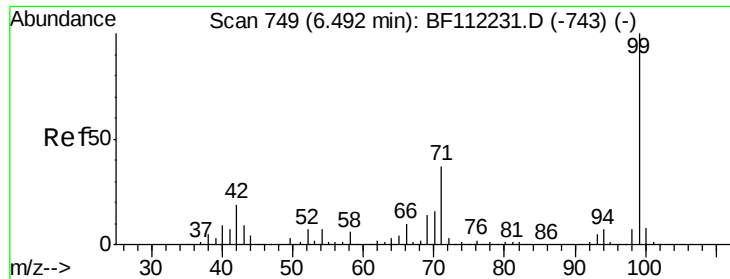
2-Fluorophenol
Concen: 111.901 ng
RT: 5.46 min Scan# 573
Delta R.T. -0.02 min
Lab File: BF112599.D
Acq: 18 Feb 2019 14:25

Tgt Ion:112 Resp: 517662
Ion Ratio Lower Upper
112 100
64 58.2 45.7 68.5
63 31.7 23.6 35.4



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 101.966 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.02 min

Lab File: BF112599.D

Acq: 18 Feb 2019 14:25

Instrument :

BNA_F

ClientSampleId :

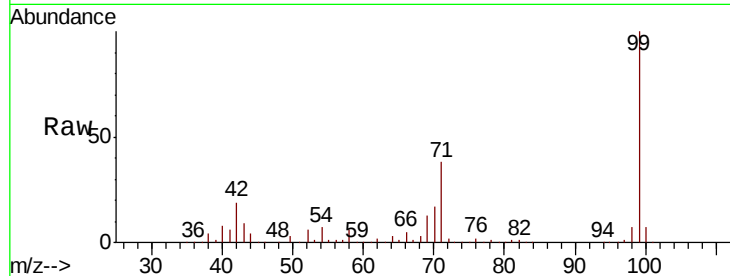
Tot Ion: 99 Resp: 655457

Ion Ratio Lower Upper

99 100

42 19.3 15.1 22.7

71 37.5 26.9 40.3



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1

800000

600000

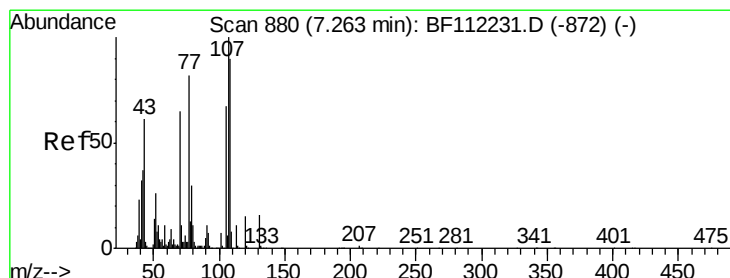
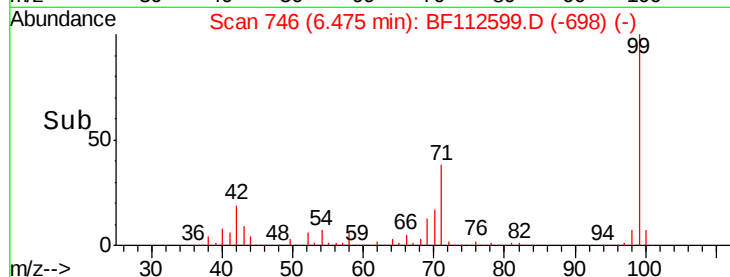
400000

200000

0

6.40 6.50 6.60

Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 12.565 ng

RT: 7.39 min Scan# 901

Delta R.T. 0.12 min

Lab File: BF112599.D

Acq: 18 Feb 2019 14:25

Tgt Ion: 70 Resp: 55693

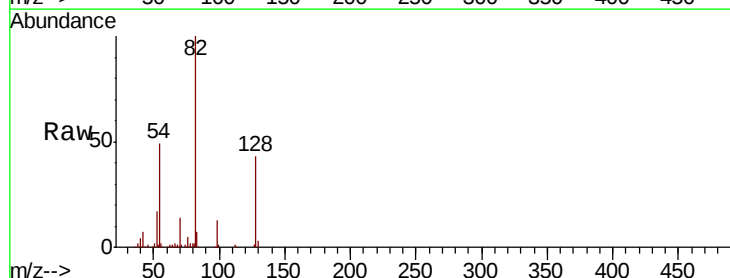
Ion Ratio Lower Upper

70 100

42 47.2 47.6 71.4#

101 0.0 7.9 11.9#

130 2.1 18.4 27.6#



Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

80000

60000

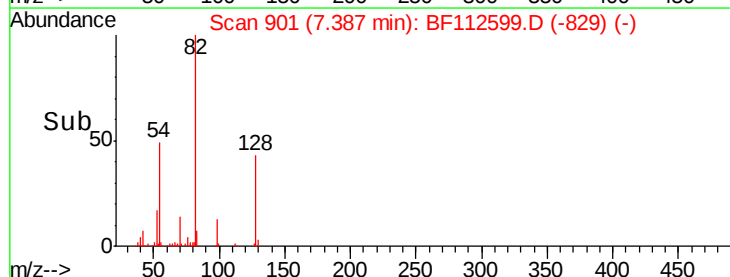
40000

20000

0

7.30 7.35 7.40 7.45 7.50

Time-->

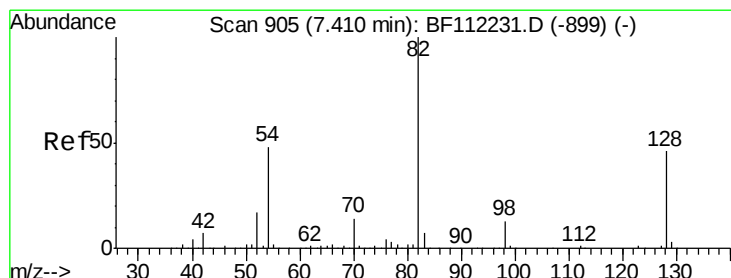
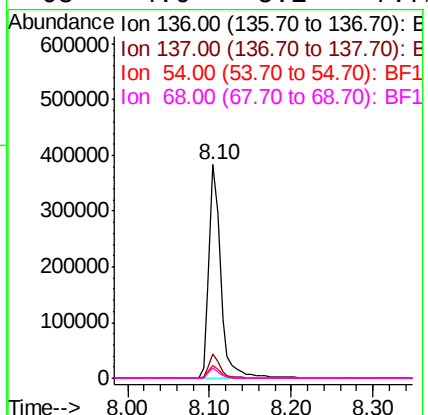
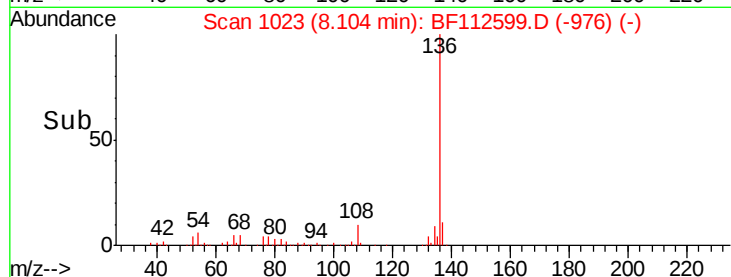
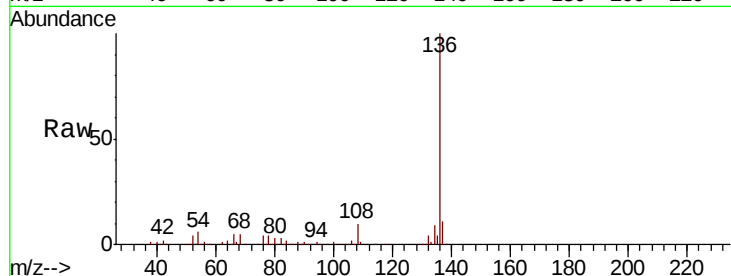




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BF112599.D
Acq: 18 Feb 2019 14:25

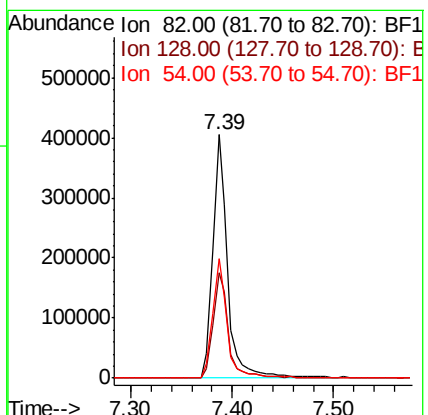
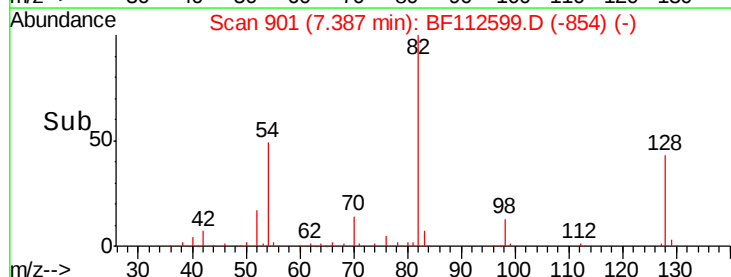
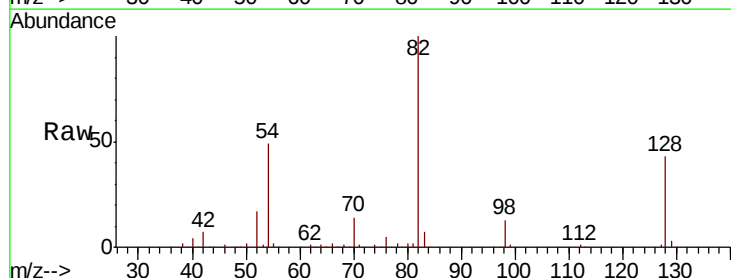
Instrument :
BNA_F
ClientSampleId :

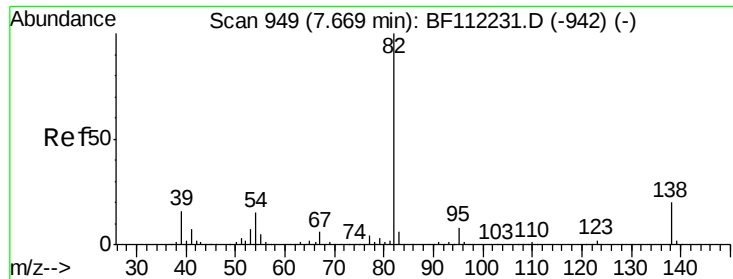
Tot Ion:136	Resp:	391446
Ion Ratio	Lower	Upper
136	100	
137	11.2	9.1 13.7
54	6.2	5.9 8.9
68	4.6	5.1 7.7#



#23
Nitrobenzene-d5
Concen: 60.707 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.02 min
Lab File: BF112599.D
Acq: 18 Feb 2019 14:25

Tgt Ion: 82	Resp:	412421
Ion Ratio	Lower	Upper
82	100	
128	43.3	37.8 56.8
54	49.1	39.7 59.5





#25

Isophorone

Concen: 38.697 ng

RT: 7.39 min Scan# 901

Delta R.T. -0.28 min

Lab File: BF112599.D

Acq: 18 Feb 2019 14:25

Instrument :

BNA_F

ClientSampled :

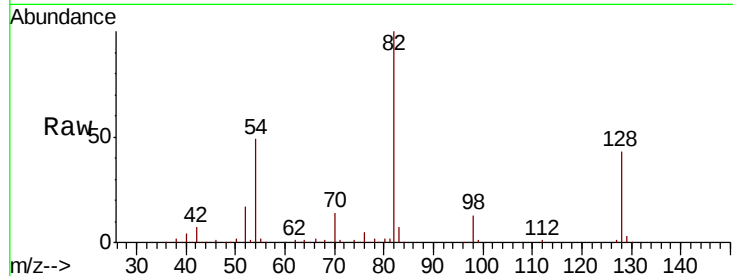
Tot Ion: 82 Resp: 412417

Ion Ratio Lower Upper

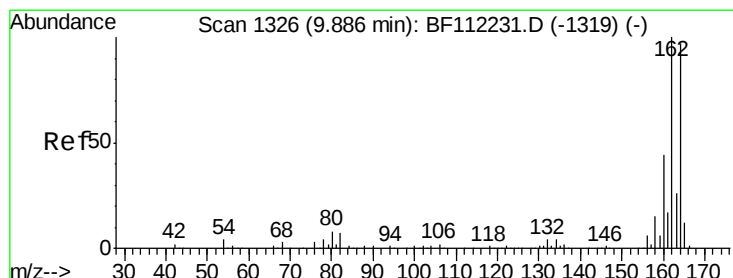
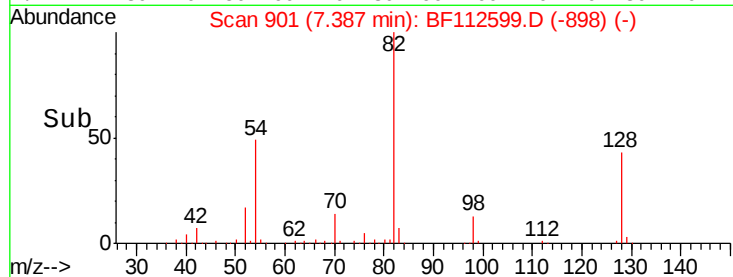
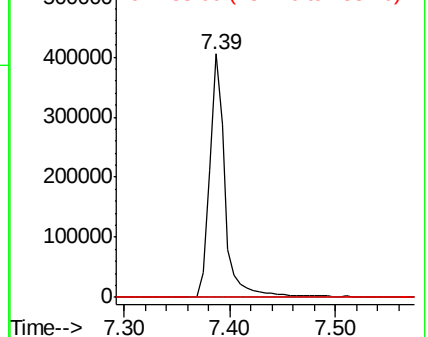
82 100

95 0.0 5.7 8.5#

138 0.0 15.4 23.0#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.02 min

Lab File: BF112599.D

Acq: 18 Feb 2019 14:25

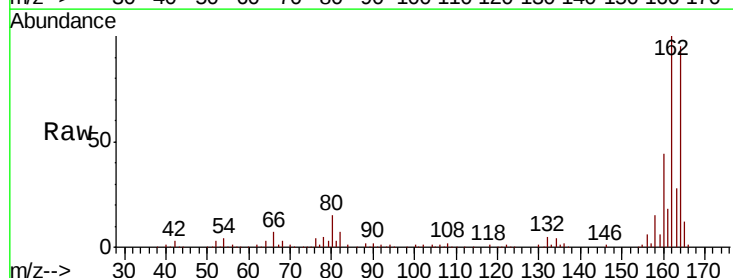
Tgt Ion: 164 Resp: 185863

Ion Ratio Lower Upper

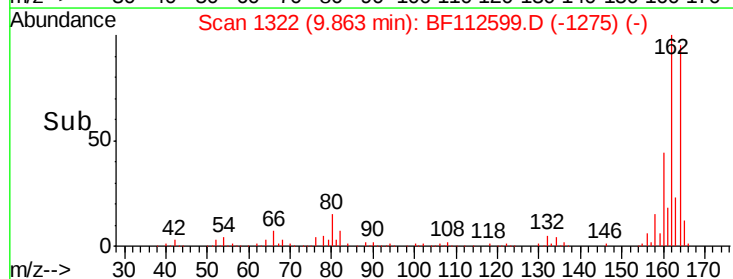
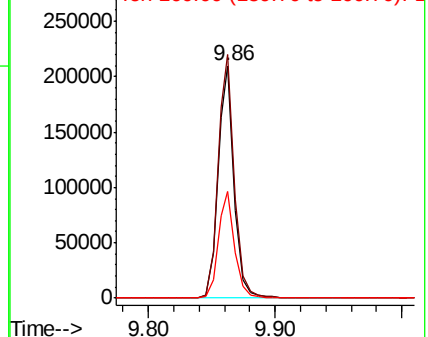
164 100

162 104.9 82.2 123.4

160 45.9 36.2 54.4



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

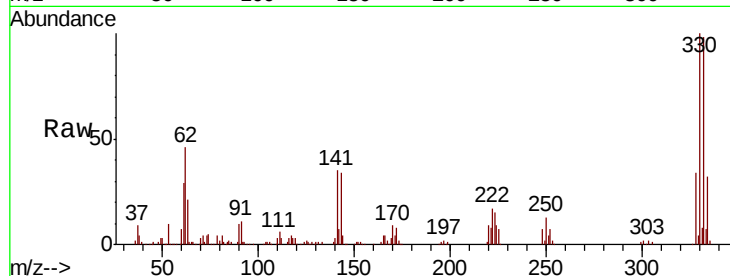




#42
 2,4,6-Tribromophenol
 Concen: 88.623 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. -0.02 min
 Lab File: BF112599.D
 Acq: 18 Feb 2019 14:25

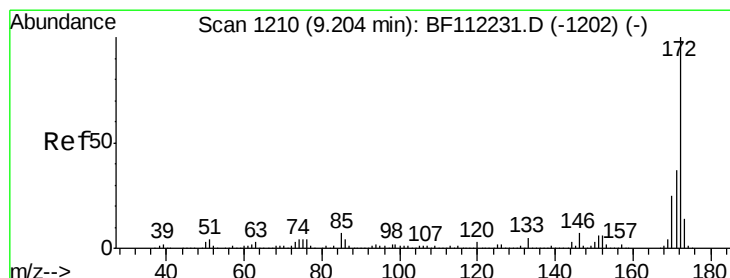
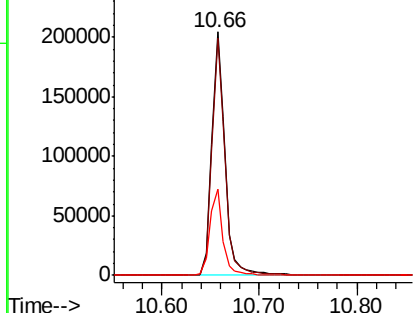
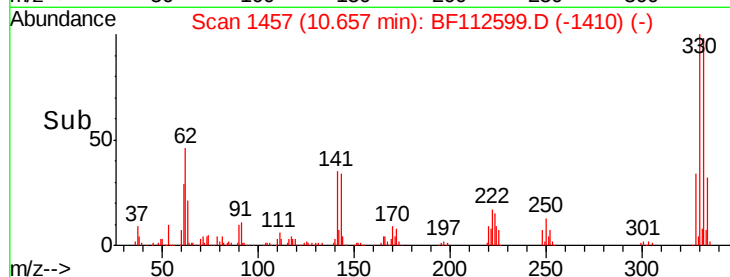
Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.6	114.8
141	35.1	24.3	36.5



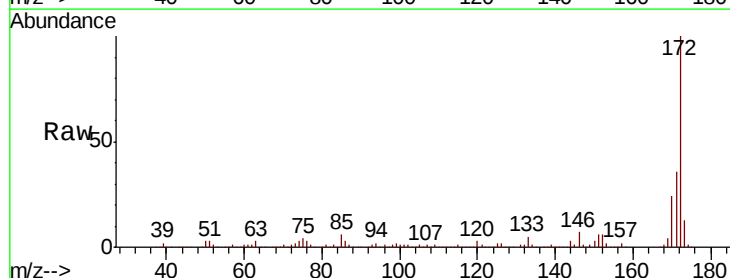
Abundance

Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



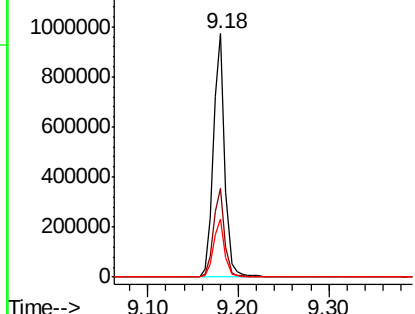
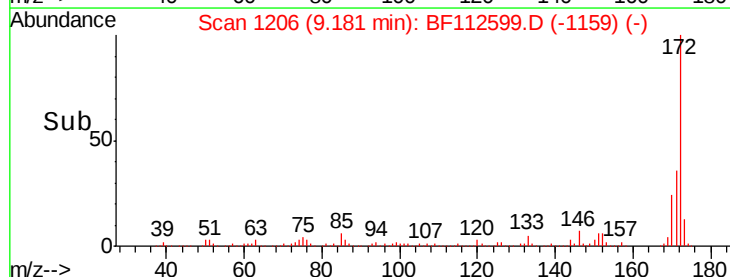
#45
 2-Fluorobiphenyl
 Concen: 65.736 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.02 min
 Lab File: BF112599.D
 Acq: 18 Feb 2019 14:25

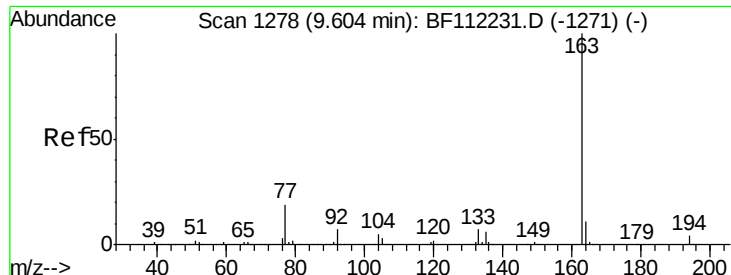
Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	30.5	45.7
170	24.0	20.2	30.4



Abundance

Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

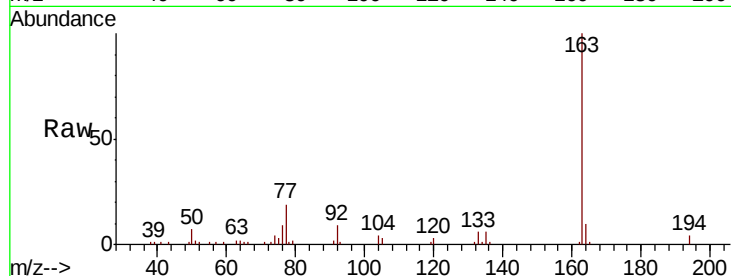




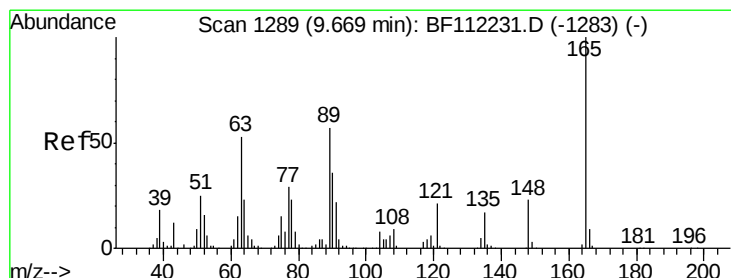
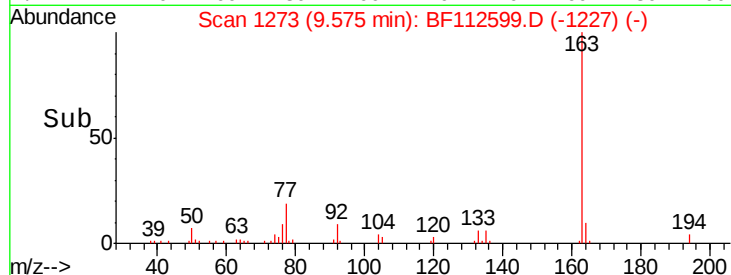
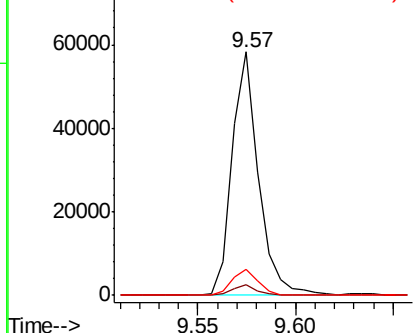
#50
Dimethylphthalate
Concen: 3.796 ng
RT: 9.57 min Scan# 1273
Delta R.T. -0.03 min
Lab File: BF112599.D
Acq: 18 Feb 2019 14:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 54821
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 10.5 8.5 12.7

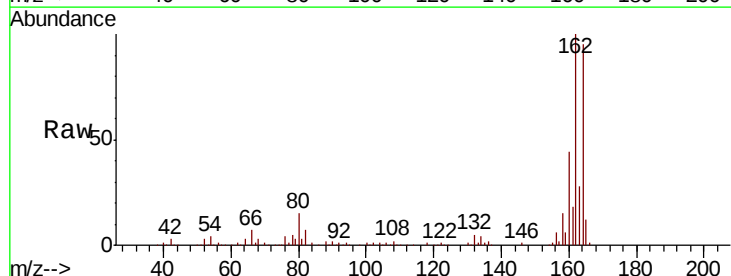


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

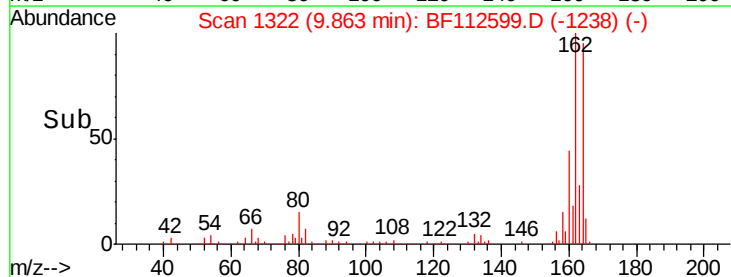
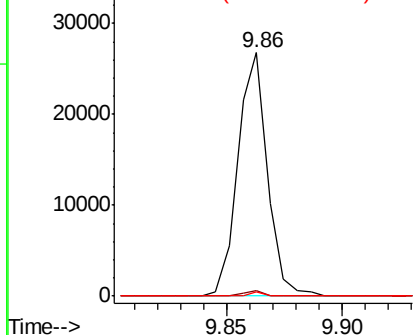


#51
2,6-Dinitrotoluene
Concen: 7.386 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.19 min
Lab File: BF112599.D
Acq: 18 Feb 2019 14:25

Tgt Ion:165 Resp: 23886
Ion Ratio Lower Upper
165 100
63 2.0 33.8 50.8#
89 1.6 36.9 55.3#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

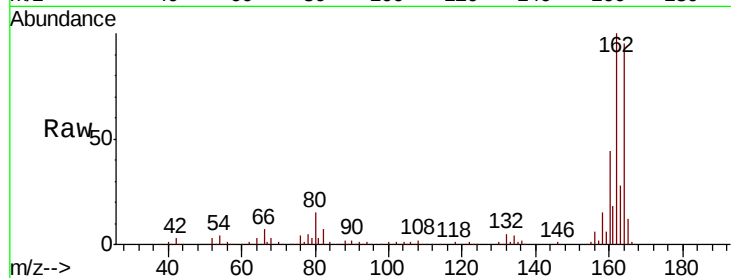




#57
 2,4-Dinitrotoluene
 Concen: 5.801 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.22 min
 Lab File: BF112599.D
 Acq: 18 Feb 2019 14:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	165	Resp:	23886
Ion	Ratio	Lower	Upper
165	100		
63	2.0	27.9	41.9#
89	1.6	47.9	71.9#
182	0.0	2.2	3.4#



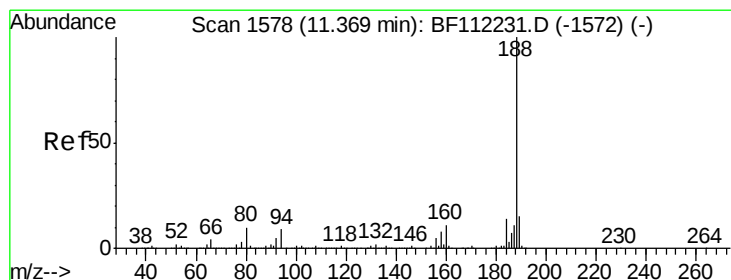
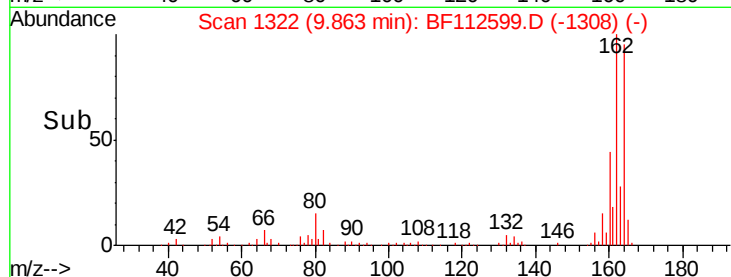
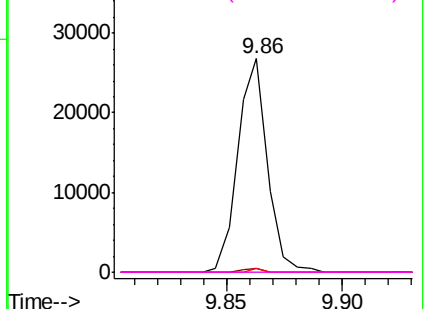
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

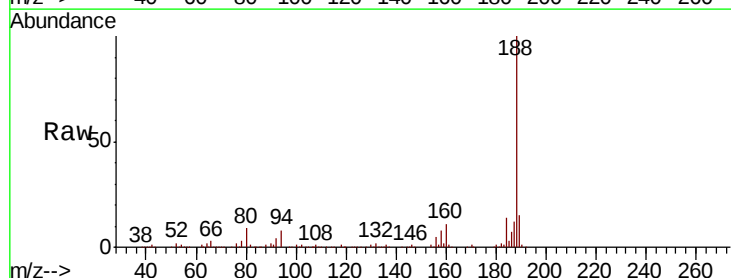
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.35 min Scan# 1575
 Delta R.T. -0.02 min
 Lab File: BF112599.D
 Acq: 18 Feb 2019 14:25

Tgt Ion:	188	Resp:	332307
Ion	Ratio	Lower	Upper
188	100		
94	8.1	8.2	12.2#
80	8.9	8.9	13.3

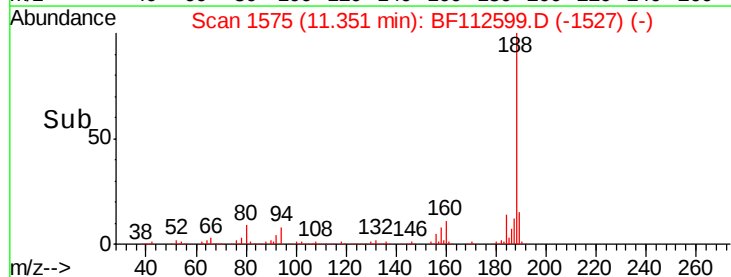
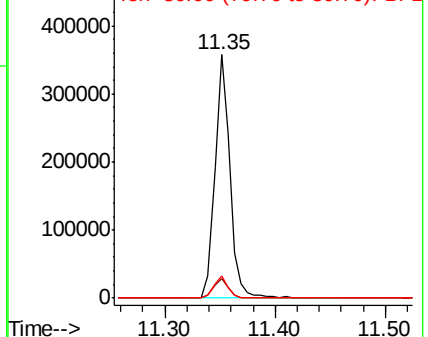


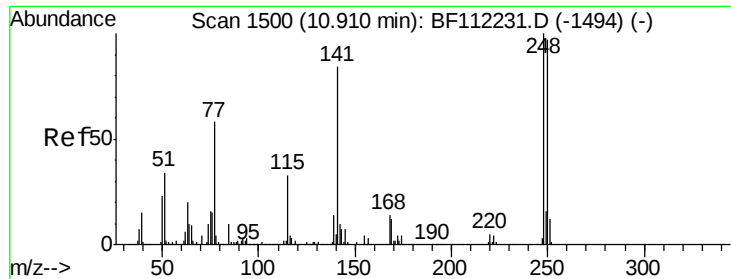
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

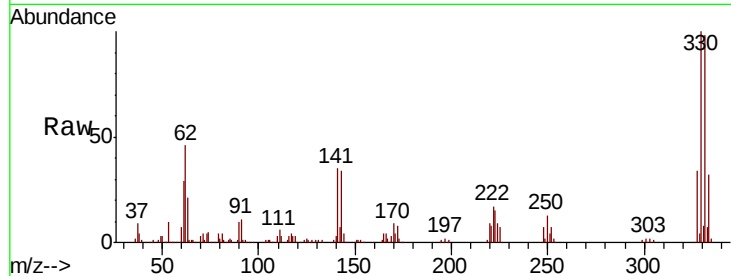




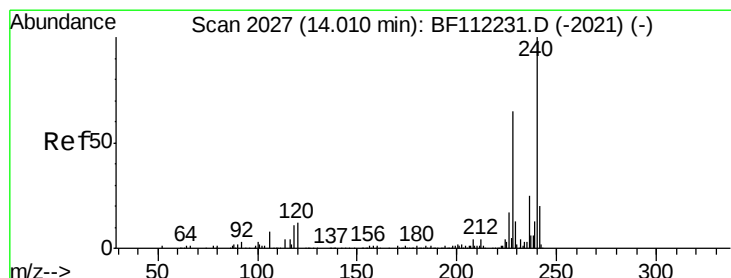
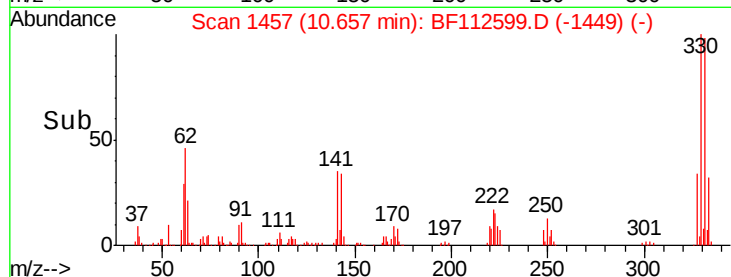
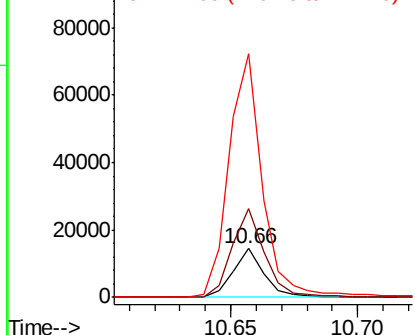
#67
 4-Bromophenyl-phenylether
 Concen: 3.089 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. -0.25 min
 Lab File: BF112599.D
 Acq: 18 Feb 2019 14:25

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 12072
 Ion Ratio Lower Upper
 248 100
 250 182.5 79.7 119.5#
 141 501.2 60.3 90.5#

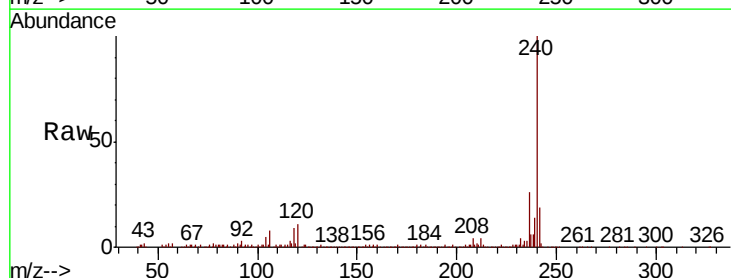


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

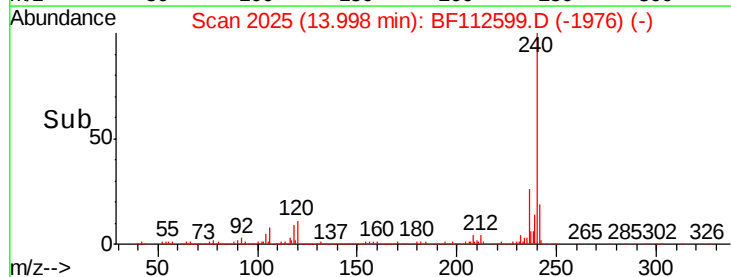
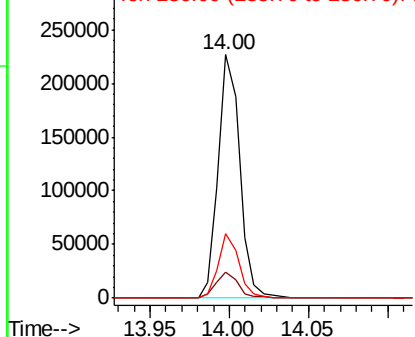


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BF112599.D
 Acq: 18 Feb 2019 14:25

Tgt Ion:240 Resp: 216228
 Ion Ratio Lower Upper
 240 100
 120 10.9 9.0 13.6
 236 26.3 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

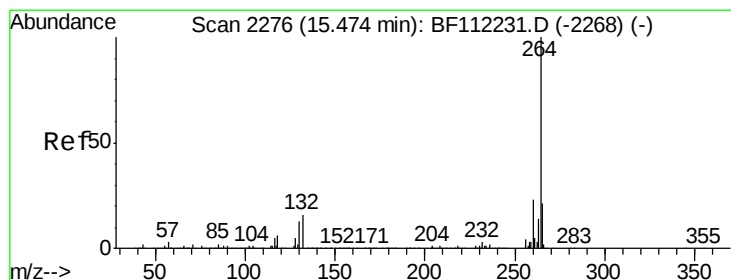
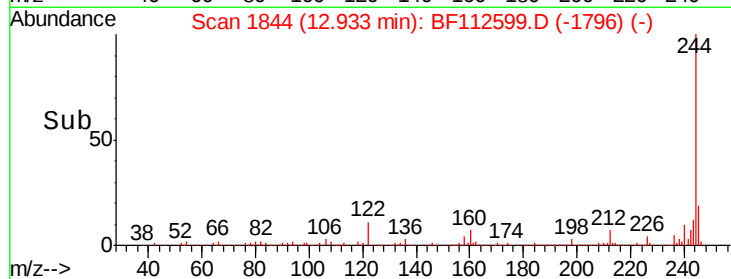
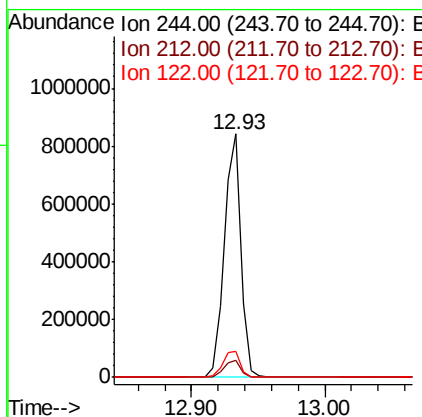
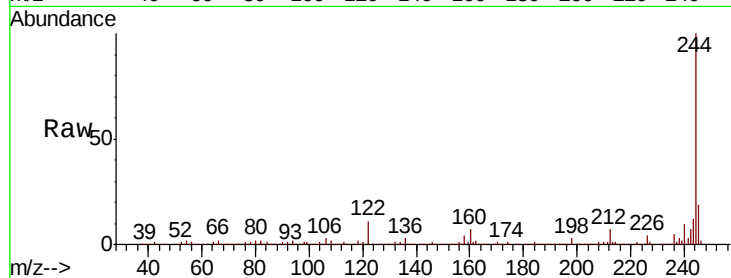




#79
 Terphenyl-d14
 Concen: 64.282 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. -0.02 min
 Lab File: BF112599.D
 Acq: 18 Feb 2019 14:25

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 737983
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 10.5 9.8 14.6



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2276
 Delta R.T. 0.00 min
 Lab File: BF112599.D
 Acq: 18 Feb 2019 14:25

Tgt Ion:264 Resp: 210015
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.2 27.2
 265 21.5 17.0 25.4

